

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: km1h@juno.com
Subject: Re: 6DQ5 SAGA CONTINUES
Message-ID: <19970314.000431.9151.1.km1h@juno.com>

On Wed, 12 Mar 1997 02:39:14 GMT JOHN_SEHRING.parti@ecunet.org writes:
>According to Bill Orr (ham, radio handbook editor & engineer at
>Eimac),
>6DQ5's deliver *more* power with *less* 3rd-order IMD than a 6146B!
>See
>'Radio Handbook', 21st Ed., pg. 21.13, Fig. 9.

I'll take that one with a grain of salt until I see test results. I actually like the 6DQ5 when run within its ratings.

>My Hammarlund HX-50A, for all its faults (previously enumerated; I had
>mine
>for 20 years) did *not* eat its 6DQ5 sweep tube final in spite of
>being
>pushed hard.
>
>Drake specs their T-4*'s as having 'average distortion products in
>excess
>of 30 dB down.' This is *not* shoddy performance. It uses 6JB6's.
>My
>three do not eat them.

Your statement said it all...."average distortion products". Since SSB average power is less than 50% of peak that statement is pure advertising department distortion...pun intended.
If sweep tubes were so good the Japanese would have used them in a lot more rigs than they did. Instead they opted for quality instead of cheapness.

>Collins specs the 32S-3 as having 'third order distortion 30 dB down
>from
>output signal'. It uses 6146A's.

Collins was known for conservative statements. The negative feedback used by Collins produced 3rd order products in excess of -33dB down...as measured. With less than perfect matching, etc the S3 could meet -30dB under any condition.

73....Carl KM1H

> -John Sehring (Tue, Mar 11, 1997 12:46 pm MT @Baker, Montana) UCC
>WB2EQG
>

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: Mail List Owner <listown@jackatak.theporch.com>
Subject: ADMINISTRIVIA: Changing Email Addresses
Message-ID: <9703141115.aa12667@jackatak.theporch.com>

Gang-

This periodic post is intended to help subscribers whose ISP (InterNet Service Provider) has made a change without advising their customers of the potential impact of that change on subscribers to email lists like the boatanchors, where one must be a subscriber to post to the list.

Under some circumstances, the changes to your email address are "transparent" to you, but prevent posting. I get error notification for these kinds of problems, and I try to work them out. However, I may miss one, and on this end, the process is anything BUT automatic.

You have a bigger stick than I do. You and your ISP have the primary responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: "Richard L. Duell" <rduell@iac.net>
Subject: Re: Armorall and BA Paint
Message-ID: <2.2.32.19970314005033.0068cdfc@iac.net>

At 02:20 PM 3/13/97 GMT, Don Buska wrote:

>I've been using Armorall (yes the dashboard stuff) on BA panels for the
>last year or so with very good results. Over a year ago I picked up a
>Collins 75A2 receiver that had a badly paint oxidized front panel.

snip

>Now for the question, I noticed that the Armorall bottle indicates that it
>should be used on painted items. This is strange since I have not noticed
>any adverse effects on these two radios, nor have I seen any change in the
>actual paint strength or color. Does anyone know what adverse effects this
>could have on these panels? Perhaps it is years down the road.

snip

I found that Armorall can soften paint. I put a good coat on a receiver with crackle paint and was pleased at the result. I put the speaker on top of the unit (where it had been) and forgot about it. When I moved the speaker a few weeks later I found the imprint of the rubber feet in the paint. It wasn't an actual indentation, but it was a change in reflectivity that caused four spots to jump out at you when the light was right.

Otherwise, I think it is great.

73 Rich - W5VDU

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997

From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>

Subject: Re: Armorall on painted surfaces

Message-ID: <199703131925_MC2-1283-A0F0@compuserve.com>

Hello to all,

I agree with the previous posts that Armorall sure makes painted surfaces look great. I use it on occasion myself on boatanchors in addition to the plastic inside my Dakota pickup. The only problem with Armorall or other preparation like it is that it contains silicones. This will only be a problem should you want to repaint the panel or to whatever you apply the Armorall. Paint and silicones mix about as well as oil and water.

Something to keep in mind should you think about painting it later on.

Regards to all,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202  
Southeastern Division Director, AM International  
sweetbay@compuserve.com  
wa4kcy@usa.net wa4kcy@juno.com wa4kcy@qsl.net  
Vintage Radio Home Page Address:  
<http://ourworld.compuserve.com/homepages/sweetbay>  
<><

~~~~~  
"Our Constitution was made for a moral and religious people.
It is wholly inadequate for the government of any other."
John Adams-1798

~~~~~  
Keeper of the Hallicrafters SX-88 Owners List

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: Ho4bart@aol.com  
Subject: Re: Armorall on painted surfaces  
Message-ID: <970314104910\_-1070356920@emout17.mail.aol.com>

In a message dated 97-03-13 19:28:58 EST, sweetbay@compuserve.com (Andy Howard, WA4KCY) writes:

<< I agree with the previous posts that Armorall sure makes painted surfaces look great. I use it on occasion myself on boatanchors in addition to the plastic inside my Dakota pickup. >>

okay, so i admit to being obsessive-oleophobic, but i hate this slimy crap. i'm sure i was sent around the bend by the armorall dip-tank treatment my ( pre owned ) vehicle received from the detailer. but seriously, anything that never evaporates or breaks down, like the silicones, but only spreads to other unpolluted surfaces, reminds me too much of some science-fiction killer virus. what if you simply want to clean your collectible, wash it up or vacuum it? it has a nice slippery well-greased surface for your tactile pleasure. should radios be greasy? well, maybe so. i can't help think somewhere down the line, someone will want that off. but that ain't our problem.  
irrationally yours, hue miller

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: Bob Reynolds <breynd@sigg.com>  
Subject: Re: BA Haunts (Elgin, Ill.) -Reply -Reply  
Message-ID: <97Mar14.103837cst.19652@firewall.sigg.com>

Ralph  
Muchow's Historical Radio Museum in Elgin, Illinois, which looks  
to be a  
very interesting repository of pre-WWII radios.

-----  
The museum will be open August 7th, from 10AM to 4 PM.  
Admission is free. The Museum is currently being remodeled.  
The last visit include 21 rooms full of items. IT IS NOT OPEN TO  
THE GENERAL PUBLIC AT THIS TIME.

Red, K5VOL  
breynold@sigg.com

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: BEN NOCK <106312.1035@compuserve.com>  
Subject: Book on German/Russian Sets  
Message-ID: <199703141328\_MC2-129A-A4A2@compuserve.com>

For those of you who have not already heard, there is  
a book out, the second in a series, covering radio sets  
and equipment of the East German/Russian area.

"Nachrichtentechnik der National Volksarmee"

by Gunter Fietsch & Heinze Kosling.

With 749 pages, in slightly bigger than A5 format, the book  
details radio sets, hf, vhf, uhf, even some interesting  
spy equipment, accessory equipment, aerials, line equipment,  
vehicle mountings and much more. There are many photographs,  
all in B/W, circuit diagrams and illustrations.

Though the book is in German (what do you mean you don't  
speak German !) the circuits are obvious, as are the photographs,  
and once you have deciphered a few typical words, volume,  
frequency, tuning etc etc, then the rest is self explanatory. All the spec  
details are easy to read and understand.

The book can be obtained from  
VTH, POSTFACH 22 74, D-76492 BADEN BADEN, GERMANY  
FAX: 07221 508752/ TEL 07221 50 870

I would imagin you can order by credit card. Price DM168

I have no connection with the book/author other than to pass on the information. I think its a very interesting book indeed.

Cheers all. Ben G4BXD.

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: "Gene S. Katz" <gkatz@motown.lmco.com>  
Subject: Books FS- Electronic Analog Computers  
Message-ID: <Chameleon.970314122755.gkatz@pc062164.motown.lmco.com>

-----  
Name: Gene Katz  
E-mail: gkatz@motown.lmco.com  
From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: wallace@world.std.com (Andy Wallace)  
Subject: Drake T-4X plate capacitor curses  
Message-ID: <33297c30.23256947@world.std.com>

Well....my dad said a good way to neutralize a BA is to remove the plate voltage from the finals, allowing only the driver to run, and listen to the radiated signal on a receiver. Tune the neutralizing cap for minimum signal. Voila!

Not quite, at least not in my case. I didn't find that satisfactory, so I did it the Drake way, which is to tune up on 10m and keep trying neutralizing cap settings. Only took me 15 careful minutes -- yippee! Peak power and current dip coincide, 110W out on 80, about 60 on 10....

Put case back together, get no output. Huh?

My plate capacitor's rear mounting screw has come loose somehow, in the years of its life. The cap rocks! Now, the darn thing comes through the BOTTOM of the set. If you are masochistic you can look to one side of the T/R relay and you'll see what I am up against.=20 I can't remove the final subchassis without unshipping the T/R relay and a zillion fragile components. My jeweler's screwdrivers are too short... But I will bring the rig into work Monday as I have a looong, skinny screwdriver there which just might reach. I hope!

Probably have to reneutralize after that, too. :-)

This plus a sinus infection is no fun. For now I put the FT-301 back online and may join the BA freq on 7050 later. Don't worry, guys, I still like Drakes. <grin>=20

--Andy

wallace@world.std.com

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Curly: Oh....short wave?

Moe: No! Poimanent.=20

<BONK!>

(THEY STOOGE TO CONGA, 1943)

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997

From: km1h@juno.com

Subject: Re: Drake T-4X plate capacitor curses

Message-ID: <19970314.102128.9119.4.km1h@juno.com>

Hi Andy.

I think your dad or you got a tad confused. If you remove the screen voltage and leave the plate on you should have no problem. An insulated tool is a must.

That "listen to the rcvr" idea is OK to get in the ballpark. A better way is to use or make a simple RF detector probe for a BA VTVM or SS digital meter. Use a T connector off the S0-239 (the PA should still have a 50 Ohm load) and twiddle away for a minimum reading. Kenwood recommended that procedure in all of their tube rigs and it worked every time for me.

I also used that method in my T4X-C after I added a screen switch on the rear panel so I could run transverters.

Say hello to the old man for me; I haven't heard him on in awhile.

73....Carl KM1H

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: DZ1 set info wanted

Message-ID: <199703141329\_MC2-129A-A49F@compuserve.com>

A while ago I asked for info on the DZ1 receiver. A few sent me info etc but after talking with the guy here who wanted the gen, I'm still looking for the circuit

of the receiver at least, and maybe the other bits as listed:

CRV-21422 dynamotor filter mounting base  
CRV-21562 dynamotor filter  
CRV-46087 receiver mounting base  
CRV-46152 receiver  
CRV-69065 loop assembly  
CRV-69081 loop drive

So, if anyone has schema's for this set, I'd be interested to know if we can get copies made of them.

Cheers all. Ben G4BXD.

BEN NOCK, G4BXD, MILITARY WIRELESS IN THE MIDLANDS  
MEMBER MILITARY WIRELESS AMATEUR RADIO SOCIETY,  
MEMBER DUXFORD RADIO SOCIETY, MEMBER R.S.G.B.  
MILITARY VALVE & VINTAGE COLUMN - PRACTICAL WIRELESS,  
CONTRIBUTOR TO SWM, HRT, CQ & MV MAG

PACKET: G4BXD @ GB7TCM.#24.GBR.EU  
INTNET: 106312.1035@COMPUSERVE.COM

"REAL RADIO GLOWS IN THE DARK"

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: Jeffrey Herman <jeffreyh@hawaii.edu>  
Subject: Enigma from your PC  
Message-ID: <Pine.GS0.3.95q.970313135957.1392A-100000@uhunix5>

Hi Gang - Someone has sent me a program which enables your PC to emulate an Enigma machine. Email me and I'll send it as an attachment. I haven't tried it yet since I don't operate off a PC, so I won't be able to provide any tutorial help.

Jack: Let me know if you think this is something you'd like to file away in the BA archives.

This will be one of my last messages to the list - \$20 is four days of food for me - I operate off of a tight budget! It's been a wonderful four or so years!! See you on the BA newsgroup.

Very best regards from Hawaii,  
Jeff KH2PZ (ex WA6QIJ from '76, WH6AEQ, NH6IL, NMO at USCG Honolulu)

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997



From: lsmith <ckvnfm@mb.sympatico.ca>  
Subject: Free Heath Manuals  
Message-ID: <33298842.2BDE@mb.sympatico.ca>

Hello Folks:

I have the following manuals which are surplus to my "needs" and though someone here may be able to use them. Best "story" wins! I'll even pay the postage!

Marine Direction Finder.... Model MR-21  
Oscilloscope..... Model IO-21  
Oscilloscope.....Model O-9

Looking for the manual (or copy of course) for the Heath IG-37 FM Stereo Generator if you have one around.

Hope this helps out. 73 de  
Lee Smith  
VE4ANC

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
Subject: FS: Connectors  
Message-ID: <329a5700@scs.philips.com>

I have substantial quantities of the NOS connectors listed below for sale. They are for cable assemblies and take a snap-on round shell like an octal plug. They are not for panel mounting, but the males can be used as a base for a plug-in coil form.

6 pin male (like 6 pin tube) - 4 for \$1 plus postage

6 pin female (like a 6 pin tube socket) - 4 for \$1 plus postage

4 pin male (like a four pin tube) - 2 for \$1 plus postage

Shells for 4/6/8/9/11 pin octal types - \$0.50 each plus postage

Brian Harris WA5UEK

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: George Humphrey <gah@koyote.com>  
Subject: FS: Tubes & Etc.  
Message-ID: <1.5.4.32.19970314042820.00686100@mail.koyote.com>

BAers,

I need room and money to buy more boatanchors :-)

I will take offers on the following tubes until Monday night at 2200 Central Time. I will take offers for the whole bunch or some or one and determine what works out best. All tubes are tested on my Eico tester, and almost all are NOS and in original boxes. Not tested means the tube is not listed in my tester list. Low means the tube fell below the good line.

| Qty | Nomenclature | Condition                                 |
|-----|--------------|-------------------------------------------|
| 10  | 6688         | Good - Siemens-Rohre                      |
| 9   | 6939         | Good - Mixed RCA/Amperex/GE/Western Union |
| 5   | 7308         | Good - Amperex                            |
| 2   | 7587         | Good - RCA                                |
| 2   | 7587         | Low - RCA                                 |
| 1   | 6267         | Good                                      |
| 1   | 5751         | Good                                      |
| 1   | 5726         | Good                                      |
| 1   | 6AK5         | Good                                      |
| 1   | 6AH6         | Good                                      |
| 1   | 2E26         | Good                                      |
| 3   | 5670         | Not Tested but box says low               |
| 2   | 5681         | Low                                       |
| 1   | 2C43         | Not Tested - GE                           |

2 ea 6771 Planar Cermet, high u triodes, not tested, but are sealed in original box with \$172.23 marked on boxes.

1 ea Stewart Warner Warning Switch D363F new in original box.

Don't be afraid to make offers, I will not get my feelings hurt. Antique Electronic Supply would ask over \$450 for just the tubes, but I wouldn't pay that amount myself.

Shipping will be from 75440 and please indicate if your offer includes shipping or if I will have to add it to your price.

Thanks,

73 George KC5WBV  
gah@koyote.com

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: "William C. Robbins" <billrobb@net-link.net>  
Subject: HA-1 Keyer Sold  
Message-ID: <199703141548.KAA26874@serv01.net-link.net>

Thanks for the interest in the keyer. It has been spoken for.

Bill

WA8CDU Heathkit Collector

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: k7yha@juno.com (Richard H. Arland)  
Subject: Re: Hammarlund Insanity! -Reply  
Message-ID: <19970314.004836.9319.0.k7yha@juno.com>

On Thu, 13 Mar 1997 12:46:56 -0500 Dale Braun <dale.k.braun@uwrf.edu>  
writes:  
>Rich,  
>I've had that same thing happen in a Heath receiver. I ended up  
>carefully tuning the oscillator coil slug through its range until I got  
the  
>second beat note and then I was on the other side of the IF. If you  
can't get the  
>"double bump", I'd suspect the padding caps across the coil are  
incorrect or  
>have changed value.  
>  
>-Dale

Hi Dale:

Tnx for the reply.

Yep, I did that dance today and have finally gotten things on the correct  
side of the L0. There are two distinct beat notes....finally found the  
right one! Now the thing tunes properly but still have an end-to-end  
linearity problem. But, hey, at least I can tune the thing across the  
bands in the right direction!

73 rich K7SZ

PS: used a Drake 2B receiver coupled to the 1st mixer to spot my LO freq.  
Worked first time!

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: BEN NOCK <106312.1035@compuserve.com>  
Subject: Heathkit HR-10B xtal calib wanted  
Message-ID: <199703141329\_MC2-129A-A4A0@compuserve.com>

I would like to get the xtal calibrator for the  
Heathkit HR-10B if anyone has one lying around.

Cheers,

BEN NOCK, G4BXD, MILITARY WIRELESS IN THE MIDLANDS  
MEMBER MILITARY WIRELESS AMATEUR RADIO SOCIETY,  
MEMBER DUXFORD RADIO SOCIETY, MEMBER R.S.G.B.  
MILITARY VALVE & VINTAGE COLUMN - PRACTICAL WIRELESS,  
CONTRIBUTOR TO SWM, HRT, CQ & MV MAG

PACKET: G4BXD @ GB7TCM.#24.GBR.EU  
INTNET: 106312.1035@COMPUSERVE.COM

"REAL RADIO GLOWS IN THE DARK"

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: Help with Heathkit TT-1 Tube tester  
Message-ID: <199703140352.VAA24016@dfw-ix10.ix.netcom.com>

I ordered a manual from a manual company for a Heathkit TT-1 tube tester that I purchased last week. Unfortunately, the manual arrived without a schematic or parts-list. A call to the company revealed that they accidentally sent the schematic to a previous customer, and therefore they cannot supply me with a copy.

The TT-1 does not work (although it seems to be in good condition), but trouble-shooting without a schematic is, well, pretty darn difficult. Could anyone help me out with a copy of the schematic & parts list? I'd happily pay copying costs!

Thanks,

- Jeff, WA6AHL

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997

From: w7ni@teleport.com (Stan Griffiths)  
Subject: Re: Here's your chance guys!  
Message-ID: <199703141118.DAA03611@kim.teleport.com>

>>>> From: Joe @ h.r.e. <hre@teleport.com>  
>>>> Newsgroups: rec.radio.swap  
>>>> Subject: HAM RADIO STORE FOR SALE !!!  
>>>> Date: Monday, March 10, 1997 5:58 PM  
>>>>  
>>>> HRE IS FOR SALE !!!!!  
>>>>  
>>>> <http://www.teleport.com/~hre/>  
>>>>  
>>>> (503) 598-4736  
>>>> (503) 598-HRE6  
>  
>Hey,  
>  
>This guy has been trying to sell for 2 years or more. Someboby buy him out  
>so we can all rest easy.....  
>  
>Dave K4JRB

I know Joe, personally and did not realize he was selling. His store is about 5 miles from my house. I closed a ham store in this area that I owned about 1985. I just discounted everything and shut the door. I don't think anyone in their right mind would actually BUY a ham store these days, would they? I know of at least six ham stores that have gone out of business in the Portland area since I have been a ham (44 years). We currently have HRE and HRO.

Stan w7ni@teleport.com

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: km1h@juno.com  
Subject: How true it is  
Message-ID: <19970313.173325.9231.18.km1h@juno.com>

Hello all;  
The following was copied from another reflector. I suspect that it could be applied from ancient Egypt to todays Dilbert cartoons.  
Apply it to your favorite BA company!

Enjoy it.....Carl KM1H

--

What Engineers really mean when they say:

1. "A NUMBER OF DIFFERENT APPROACHES ARE BEING TRIED"

We are still pissing in the wind.

2. " AN EXTENSIVE REPORT IS BEING PREPARED ON A FRESH APPROACH TO THE PROBLEM"

We just hired three kids just out of college.

3. "CLOSE PROJECT COORDINATION"

We know who to blame.

4. "Major Technological Breakthrough"

It works ok, but it looks very high tech.

5. "Customer Satisfaction is delivery assured"

We are so far behind schedule that the customer is happy just to get a delivery.

6. "Preliminary Operational Tests were inconclusive"

The darn thing blew up when we threw the switch.

7. " Test results were extremely gratifying"

We were surprised that the stupid thing works.

8. " The entire concept will have to be abandoned"

The only person who understood the thing quit.

9. "It is in the process"

It is so wrapped up in red tape that the situation is about hopeless.

10. "We will look into it"

Forget it! We have enough problems for now.

11. "Please note and initial."

Lets spread responsibility for the screw up.

12. "Give us the benefit of your thoughts."

We'll listen to what you have to say as long as it does not  
interfere with what we  
have already done.

13. "Give us your interpretation"

I can't wait to hear this BS.

14. "See me" or "lets discuss"

Come into my office, I'm lonely.

15. "Advanced Prototype"

Not interchangeable with the previous design.

16. "Rugged"

Too damn heavy to lift!

17. "Lightweight"

Lighter than rugged

18. "Years of Development"

One finally worked.

19. "Energy Saving"

Achieved when the power switch is off.

20. "Low Maintenance"

Impossible to fix when broken.

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: km1h@juno.com  
Subject: Re: Inside Svetlana  
Message-ID: <19970313.212208.11031.6.km1h@juno.com>

Sales and Marketing for Svetlana is in Huntsville. USA Engr is in Portola Valley, CA. This is not an engineering group per se but acts as a go between with St Petersburg where the real work takes place. There was no way that anyone could get George Badger to move to Alabama. Call him up some time and ask him about his trips to Russia!

73...Carl KM1H

On Thu, 13 Mar 1997 00:46:14 GMT bdhall@ghg.net (Benjamin D. Hall) writes:  
>Tom R. Rice wrote:  
>  
>> > but I think that Svetlana is about the best maker out there now.  
>> Besides, their engineering HQ is in Silicon Valley!  
>> What better recommendation could there be?  
>  
>Really? Last time I saw a Svetlana advertisement they were boasting  
>about being headquartered in the city where the U.S. Space Program was  
>born: Huntsville, Alabama. Down on south Memorial Parkway was the  
>address for our fellow listmembers in HSV who might want to check it  
>out...  
>  
>73,  
>Ben  
>--  
>\* Benjamin D. Hall, junque collector extraordinaire. \*  
>\* Finally on the web at: <http://www.ghgcorp.com/bdhall> \*  
>\* Located in Houston, Texas. E-mail: BDHall@GHG.net \*  
> "Aio, quantitas magna frumentorum est."  
>  
>

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: Dan Kerl <dlkerl@ro.com>  
Subject: Re: Inside Svetlana  
Message-ID: <33296080.786C@ro.com>

km1h@juno.com wrote:  
<snip>  
> There was no way that anyone could get George Badger to move to Alabama.



Why not?

Dan Kerl  
dlkerl@ro.com

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: Robert Fowle <hammarlund@jacksonmi.com>  
Subject: Re: jennings cap fs..What'd he say?  
Message-ID: <33288D59.1000@jacksonmi.com>

Ho4bart@aol.com wrote:

>  
> In a message dated 97-03-13 15:41:37 EST, tomrice@netcom.com (Tom R. Rice)  
> writes:  
>  
> << Voting for the re-introduction of the term "condenser",  
> >>  
>  
> while we're on this, how can it be that the Cardwell Capacitor Co.  
> is still in business? are they really still building the old  
> "cheese slicer" type air variables?? hue miller

Hue

yes cardwell, EF Johnson & Hammarlund, are all still building  
airvariable condensers...all are owned by PAX in NJ...

robert

--

\*\*\*\* Visit my Web Page.....\*\*\*\*

=====]-[->

Robert Fowle KC8DBC  
1215 Winifred  
Jackson, Mich. 49202-1946  
Ph. 517-789-6721  
E-mail: hammarlund@jacksonmi.com  
My Web Page: <http://www.jacksonmi.com/hammarlund>  
BOATANCHORS Conference  
talk, buy-sell-trade all in one place!  
Moderator: Robert Fowle  
at: <http://www.inetnc.com/hamchat/>

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
Subject: Re: Johnson Thunderbolt  
Message-ID: <Pine.ULT.3.95.970313162852.3991D-100000@admin.aurora.edu>

On Thu, 13 Mar 1997, Bob Duckworth wrote:

> I have a shot a Johnson Thunderbolt amp next week and  
> was curious as to how difficult 4-400 are to find these days. Trying to  
> figure what to offer for amp with bad tubes. Also, with the amp is the  
> little Johnson 'swamping resistor in a box'.

They should be easily available since they are a popular broadcast  
transmitter bottle. I can't recall what the price range was the  
last time I looked. I use a pair of them in my Viking Desk KW.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997  
From: Walter Dail <dail@CEBAF.GOV>  
Subject: Re: Johnson Thunderbolt  
Message-ID: <1.5.4.32.19970314153058.006c3160@jlab.org>

Bob,

I am the proud owner of a Thunderbolt too. I paid \$350 for mine! It worked  
fine until a loud BANG was heard! Seems the plate caps are running at the  
ragged edge. I usually have about 2200-2300V on the plate. I replaced all  
of them(6 I think) with 100uF@450V units(better filtering). Another one blew  
out (surge got it!)and I replaced that one too. Everything has been FB ever  
since. So, for thought you may want to replace all the paper caps(if they  
are still there) unless you get an amp with a small oil filled cap in the HV  
supply.

I replaced all the bias supply caps also while I was at it because they were  
paper. Peter Dahl still sells replacement transformers in case you need to  
know.

I'll NEVER sell mine. It looks too mean in the shack. All I can say it buy it!

Later,

Walter Dail-KT4JA

At 09:46 PM 3/13/97 +0000, you wrote:

>  
>I have a shot a Johnson Thunderbolt amp next week and  
>was curious as to how difficult 4-400 are to find these days. Trying to  
>figure what to offer for amp with bad tubes. Also, with the amp is the  
>little Johnson 'swamping resistor in a box'.  
>  
>-bob  
>

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997  
From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>  
Subject: Re: Johnson Thunderbolt Amp  
Message-ID: <199703132143\_MC2-1287-CD0D@compuserve.com>

Bob and the gang,

On the subject of 4-400 tubes I find them typically for \$20 each at hamfests. They are usually broadcast pulls. I have bought them new for \$50. Actually 4-250's will work just as well since at 2000 volts a 4-400 is woefully inefficient. The Thunderbolt was designed when the legal amateur power was 1 kw. input to the final. The good part is that it will run Class C and this will give approximately 75 percent efficiency on CW. Running as a linear in AB2 about 600 watts is the maximum output so you can see that 4-250's would work equally well.

Hope this helps.

Regards,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY
105 Sweet Bay Lane
Carrollton, Georgia 30116-8519
Telephone 770-832-0202
Southeastern Division Director, AM International
sweetbay@compuserve.com
wa4kcy@usa.net wa4kcy@juno.com wa4kcy@qsl.net
Vintage Radio Home Page Address:
<http://ourworld.compuserve.com/homepages/sweetbay>
<><

~~~~~  
"Our Constitution was made for a moral and religious people.  
It is wholly inadequate for the government of any other."  
John Adams-1798  
~~~~~

Keeper of the Hallicrafters SX-88 Owners List

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Larry's Heath "Tracer" contest starts tonight...
Message-ID: <3.0.16.19970313195746.35470b72@pop.pipeline.com>

Good evening firebottle fans:
Tonight for your amusement and enjoyment I present:
(Drum Roll here please, maestro...)

Larry's Heath Tracer contest. in which the prize is one Heath model T-4 signal tracer, complete with probe, power cord, manual copy and problems...

This little firebottle based piece of Heaths finest is complete, in cosmetically good condition, (about a 7.5-8) has a good "seeing eye" tube (1629 I think) and at least one problem... :-(Filter caps need a change, hums like heck. Could sing backup for any new wave song on the radio. Might even improve the music!

This is yet another of my *interesting* acquisitions that is taking up space needed for more HP, TEK or Fluke stuff. So with spring coming on, and me being in a clean out the shack mood, out it goes...

Tonights contest rules:

- 1) I think this one cost me \$5, so it will cost the winner \$5 plus shipping.
- 2) Radio will not be awarded for a few days to allow digest readers to have a shot at it.
- 3) Tell me why you need/want it, points awarded for:
 - a) Owning matching equipment already.
 - b) Needing it to complete an "All Heath" station.
 - c) It's for someone your "Elmer-ing."
 - d) It was your *first* trouble shooting tool, and you have been looking for another since your mom/dad/wife chucked yours years ago. If you fit this one, see "e" below...
 - e) *Making up an outrageous story of what you will use it for. :-)
* For item "e" the taller and more unbelievable the better...
Pi, the study of pinball, and why BGP route "flaps" are a very *bad* thing will get you extra points this round... :-)
- 4) Bonus points to anyone who has sent me a manual, helped me find a part, or provided advice, (good or bad, it's the effort that counts. :-) or sold me something at a reasonable price.
- 5) Anyone who I consider a professional trader is disqualified. Sorry but this is for fun, not money. Also anyone who tries to *buy* the contest is disqualified. I don't expect that this time, but it has happened before... :-(

Winners will be determined any darn way I feel like.

Judges decision is final. (Although open to *non* cash bribes :-)

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: LubritePlate a slippery trails
Message-ID: <332889E4.2631@hits.net>

Right on John'

And don't forget the multiple inner and outer linkages for MK 21 torpedo tubes or the trunion assembly for like on (Swordfish) rigging Her bow plains. But most importantly, the linkage (outside the people) locker for any submarine's main ballast tank vents. For all the pneumatics, hydraulics and/or electric movers and shakers, those efforts are for naught for not having reliable (wet or dry) well lubericated bearings and linkage. Least we get off the BA track, the bearings in the old MG sets for the TBL and TBS transmitters (what with all their switches bushings and linkages. We carried a whole array of type/class Luberiplate. And now as then, a frozen bearing or noisy link is the last thing a submarine skipper wants or needs to worry about when he gives the commands; come about, make your coarse 2 7 zero, depth 500 ft. Oh shit !!!! flood negative. 72/73 es Aloha, MMC (SS) USN. A retired faithful slick, Peter KH6CTQ

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: Avery Comarow <acomarow@usnews.com>
Subject: Military multimeter for sale
Message-ID: <2.2.16.19970314102401.2cdfc662@pop3.usnews.com>

Refurbished/recalibrated AN/USM-223, 20,000 ohms/volt DC, 1,000 ohms/volt AC, current ranges from 250 microamp to 2.5 amp, ohms X1 to X10,000. Looks nearly new. With batteries (lithium!), leads, manual, case. I bought at a recent hamfest on impulse and just don't need it, what with five other meters on the bench!

For \$35, I'll ship anywhere in CONUS. Is that a reasonable price?

Avery W40GK

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: Gabor Karsai <gabor@vuse.vanderbilt.edu>
Subject: panadapter
Message-ID: <Pine.LNX.3.95.970314083631.7065A-100000@classic1.vuse.vanderbilt.edu>

Dear list:

I am looking for information on the SA-3 Type T-2000 panadapter.
Does anybody know the technical details of this device?
(e.g. IF freq, etc.)
Thanks,
-- Gabor

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: panadapter
Message-ID: <33297308.39CE@GHG.net>

Gabor Karsai wrote:

> I am looking for information on the SA-3 Type T-2000 panadapter.
> Does anybody know the technical details of this device?
> (e.g. IF freq, etc.)

Hi Gabor and list: The Panoramic info sheet I am looking at shows two T-2000 SA-3 panadapters. A type T-2000TDJ and a T-2000NC. The notes say that the TDJ was built for Tele-Dynamics Inc. receivers with 30 mc IF, and the NC was made for Nems-Clarke receivers with a 21.4 mc IF.

The table says:

I.F.: 30Mc (although the notes say the NC version is 21.4 mc!)
Sweep Width: 0-2mc
Direct Sensitivity: 500 uv for the TDJ and 10 for the NC
Ratio of side peaks to center: 1.7:1 for the TDJ, 1:1 for the NC
Sweep Rate: 30 sweeps per second, line synchronized.
Amplitude scales: linear only
CRT: 3 inch
Power Requirements: 115/230 VAC, power supply on chassis, not an external supply

Hope it helps!

73,
Ben
--

* Benjamin D. Hall, junque collector extraordinaire. *
* Finally on the web at: <http://www.ghgcorp.com/bdhall> *
* Located in Houston, Texas. E-mail: BDHall@GHG.net *
"Aio, quantitas magna frumentorum est."

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: panadapter
Message-ID: <33297810.6094@GHG.net>

Benjamin D. Hall wrote:

> Hi Gabor and list: The Panoramic info sheet I am looking at shows two
> T-2000 SA-3 panadapters. A type T-2000TDJ and a T-2000NC. The notes
> say that the TDJ was built for Tele-Dynamics Inc. receivers with 30 mc
> IF, and the NC was made for Nems-Clarke receivers with a 21.4 mc IF.

00000PSSS! Just got out the magnifying glass, everywhere I wrote TDJ
substitute TDI! Sorry for the mistake, but I'm pretty tired this
morning.

73,
Ben
--

* Benjamin D. Hall, junque collector extraordinaire. *
* Finally on the web at: <http://www.ghgcorp.com/bdhall> *
* Located in Houston, Texas. E-mail: BDHall@GHG.net *
"Aio, quantitas magna frumentorum est."

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: "Jim Berry" <basalop@eskimo.com>
Subject: Re: PCB's and how well you sleep.....
Message-ID: <199703140007.QAA11595@mail.eskimo.com>

PCB's and junk science

Hi BA Fan,

Wonder how many gallons of PCB laced oil a person would have to drink
a day and for how many years before you actually became risk of
getting cancer? I bet Coke is more dangerous then transformer oil.

Give me a box of "Pyranol" filled caps any old day. Did you know
the smell from your old BA may be a health hazard? Well at least in

the eyes of the EPA and other clods who believe that crap.

I would not worry about PCB being dangerous at all. In fact the stuff has probably saved a 10000 lives for everyone it has ever taken if it has ever taken one at all.

Enough of my ranting and raving.

73 Jim K7SLI

> Subject: PCB's and how well you sleep.....

> Our good friend Ray Mote wrote...

> trace amounts, but they were still PCB's. I'd be suspicious of "pole
. (At my age, though, I don't plan to lose any sleep over it!)

> 73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA"

>

> in the 1930's, 40's and early 50's used to get old transformer oil from the
> Power Company every summer to put on the gravel roads to keep the dust down.
As usual bureaucracy gone mad. The bureaucracy could do more good and less
> harm overall with a pickaxe and a shovel getting the PCB's out of those old
> roads.

>

> Larry

> va3lk / wa3zia

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)

Email: basalop@eskimo.com FAX: 360-659-1360

Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997

From: tomrice@netcom.com (Tom R. Rice)

Subject: Re: PCB's and how well you sleep.....

Message-ID: <199703140145.RAA18858@netcom11.netcom.com>

>

> Wonder how many gallons of PCB laced oil a person would have to drink
> a day and for how many years before you actually became risk of
> getting cancer? I bet Coke is more dangerous then transformer oil.

Hear, hear! When I was a kid, we used to love to
play with the (now dreaded) element Mercury (Hg).
The old silver dimes used to react nicely to a

rubbing with the stuff held in a sweaty palm.

I still have a couple of pints of the stuff sitting around; never know when I might need some. Come to think of it, we had a mercury distillation setup, made of glass, in the college physics lab, running for hours each day, cleaning all the mercury used in the demos and experiments. No hoods or exhaust fans, either.

I used to clean parts in my basement with Carbon Tetrachloride, too, and for about ten years had several cardboard cartons full of Uranium salts stashed in the desk next to my bed; that was in the days when I used to build Geiger counters and Wilson cloud chambers for fun.

Didja ever see what Coke syrup does to the pipes in a soda fountain?

Here's to those days when we took responsibility for our actions and the world was not paralyzed by fear! No wonder so many kids are bored.....

Getting it off his scrawny chest.....

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997

From: Jack Harper <jharper@bs2000.com>

Subject: Re: PCB's and how well you sleep.....

Message-ID: <199703141541.IAA20981@lynx.csn.net>

At 01:46 3/14/97 GMT, you wrote:

<snip>

>

> Hear, hear! When I was a kid, we used to love to
> play with the (now dreaded) element Mercury (Hg).
> The old silver dimes used to react nicely to a
> rubbing with the stuff held in a sweaty palm.

>

> I still have a couple of pints of the stuff sitting around;
> never know when I might need some. Come to think of it, we

> had a mercury distillation setup, made of glass, in the
> college physics lab, running for hours each day, cleaning
> all the mercury used in the demos and experiments. No
> hoods or exhaust fans, either.

>

<snip>

>Tom R. Rice

<snip>

For God's sake, don't spill any of it in your house. I read a very depressing article in the Wall Street Journal about a year ago about a private house in, I think, Florida that was literally seized(sp) by the EPA/Gestapo after the owner's teenage son stole some mercury (I think about a tablespoon full) from, I think, the high-school lab or some such -- and spilled it on his bedroom floor. They unfortunately committed the cardinal sin of calling someone 'in authority' to see if they might offer some helpful advice.... Bad Decision.

Result was that the EPA immediately condemned the house; dug up everything within about 100'; and trucked it all off (including the house and everything in it -- including, I assume, every atom of the mercury) to some 'toxic waste' landfill or whatever -- and then billed the parents for God knows how many hundreds of thousands of dollars. They lost not only the house but also gained the 'cleanup' bill...

My understanding is that the rather out of control federal laws read that if you spill the mercury (or anything else 'toxic') and then sell the house that you are 'eternally' liable for enormous damage awards from future victims of your gross criminality. Just because you sell the place doesn't rid you of the liability -- it sticks to you (and to your ancestors/estate) like glue and doesn't go away -- ever.

When I was a kid I used to burn teaspoons of red phosphorus and other ingredients to make phosgene gas (I happily wore my mil surplus gasmask to 'protect' myself); produced and liquified chlorine gas with my home chemistry set (rather enhanced I might say) -- liquid chlorine is a very pretty green color and nicely boils back to gas at, I think, about -50F or so; and I still bear scars on my right hand where I unfortunately dumped a glob of molten sulfur (it sticks very nicely to flesh I discovered -- at about 900F -- and hardens as it cools...).

During the early 60's, at the beginning of the space program, I built a motorized 'rat centrifuge' (you can imagine the sometimes interesting results) -- my 7th grade science teacher even asked me to demonstrate it to the class. God knows what would happen to a kid that did any of these things today -- think about it: The psychological counseling; the indictments of the parents; the 'press' coverage of the abusive teacher (who supplied me with 'dangerous chemicals') and the victimized students, ad nauseum.

I am, I think, still alive and expect to live, at least, for awhile longer. You are correct when you say "and we wonder why our kids are all so bored"...

We live in insane and truly depressing times -- perhaps things will get better. History shows (I hope) that these periods of mass hysteria tend (at least) to run, like sunspots, in cycles -- and, I notice, 20m is getting better every day :)

Regards to all...

Jack, KC0LR (Friend to all things Hammarlund -- Just call me 'Scar').

Jack Harper
e-mail: jharper@bs2000.com
voice: 303-277-1892 fax: 303-277-1785

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Key available from Public Key Servers and above Web Page

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: dr.electron@juno.com
Subject: RE: PCB's and Mercury
Message-ID: <19970313.224023.6598.0.dr.electron@juno.com>

Greetings

Not only did our science teacher lead demonstrations where we "made a dime from a penny", we would bring in raw asbestos, which was common in the area, and beat on it because it looked cool when it "smoked". Beryllium compounds, long used in many products, from fluorescent lamps to the Apollo command module, was not hazardous either, until it had to be "green". Serpentine rock can be bright green, yet contain high concentrations of mercury. We used Chlordane as a pesticide, and the only thing that died around here was bugs.

About that mercury you have, this discussion is making me thirsty.....

Regards, Rich P. /

#

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: ARONGV@aol.com
Subject: Price Help Needed
Message-ID: <970314122005_986754263@emout02.mail.aol.com>

Hi Gang:

Hate to eat up space, but have a friend who has an Electro-Voice NOS 636 mike in original box he wants to sell.

What's a fair price? I have no idea.

Ron W00IZ Kansas City

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: R-390 Nomenclature Plates
Message-ID: <19970314.010420.9319.3.k7yha@juno.com>

On Thu, 13 Mar 97 15:15:45 PST Gary Gitzen <garyg@cup.hp.com> writes:

>Hi Richard,

>

>>I had an interesting discussion with a friend who use to work at the
>>Tobyhanna Army Depot. It seems that when R-390s came thru the depot
>for rehab, their nomenclature plates were removed and placed in a box.
>The front panels were then repainted and lettered. When it came time to
>>replace the nomenclature plate, the technician just reached into the
box

>>and came up with a plate...not necessarily the same plate that had
>>originally been on the receiver.

>

>

>My R-390A has a depot overhaul sticker from Tobyhanna. It has one
>serial number on the nameplate, and a very different one on the rear
panel.

>:-(
>

>
>Gary

>

Tah, Dah! I rest my case!

73 rich K7SZ

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: Bob Reynolds <breynold@sigg.com>
Subject: R4B vs R4C
Message-ID: <97Mar14.115752cst.19652@firewall.sigg.com>

What are the differences between the R4B and R4C ?

Thanks - Red K5VOL

BREYNOLD@SIGG.COM

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: RDF Identification?
Message-ID: <1997Mar14.104309-0600@spike.vuse.vanderbilt.edu>

For some time I have had this beautiful BA adjunct sitting on a back shelf. Don't know _quite_ what it is. It's clearly an RDF unit, since it has a big silver-painted donut about 10" in diameter with about a 1 1/4" cross-section mounted on a calibrated swivel.

The tags say, Coupler Unit CRR-50061 (for 12v operation) and another tag says Radio Direction Finder DU-1. Mfr. is Bendix, only date I can see is 1940. This thing has some tuning controls and a power supply plug and some kind of coax fitting on the rear.

Wha'?

tnx A. B. Bonds

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: William Donzelli <william@ans.net>
Subject: Re: RDF Identification?
Message-ID: <199703141717.AA28333@interlock.ans.net>

> For some time I have had this beautiful BA adjunct sitting on a back
> shelf. Don't know _quite_ what it is. It's clearly an RDF unit,
> since it has a big silver-painted donut about 10" in diameter with

> about a 1 1/4" cross-section mounted on a calibrated swivel.
>
> The tags say, Coupler Unit CRR-50061 (for 12v operation) and another
> tag says Radio Direction Finder DU-1. Mfr. is Bendix, only date I can
> see is 1940. This thing has some tuning controls and a power supply
> plug and some kind of coax fitting on the rear.

It is the standard aircraft DF system for the Navy just prior to WWII. It was used mainly with the RU series of receivers (pre-1940 command sets), but I am sure I have seen it attached to other Navy aircraft receivers as well (ARB).

Of course, it is not one of those fancy goniometer/crossed loop affairs the ships had - way too big for small carrier based planes. Anyway, it gave the guys something to do.

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: John <johnmb@mindspring.com>
Subject: Re: Resistors
Message-ID: <199703142005.PAA20776@camel6.mindspring.com>

At 07:23 PM 3/14/97 GMT, you wrote:

>Hi Folks:
>A couple of nights ago, I blew a parasitic choke in my Amp Supply LK-500
>which uses a pair of 3-500Z's. Upon closer examination, I discovered
>that the "good one" is badly cracked. So, I need to get (2) 91 ohm 2
>watt 5% carbon resistors to repair the chokes.

Well, one reason might be that there are NO more manufacturers of Carbon Comp resistors of over 1/2 watt, anywhere in the world. July of 1996 was the last order date for any.

Now ain't THAT a hoot!
/John
Wb5oau/4

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: lsmith <ckvnfm@mb.sympatico.ca>
Subject: Resistors and Used, Cheap 3-500 Needed
Message-ID: <33299A68.36B2@mb.sympatico.ca>

Hi Folks:

A couple of nights ago, I blew a parasitic choke in my Amp Supply LK-500 which uses a pair of 3-500Z's. Upon closer examination, I discovered that the "good one" is badly cracked. So, I need to get (2) 91 ohm 2 watt 5% carbon resistors to repair the chokes. You say...why doesn't he just go out and buy them at a local parts store? I've been all over town, and not a lead to found. Mail order for two resistors is not exactly the kind of business volume mail order suppliers kill each other over getting.

Also, when I removed the tubes from the amp to do the work on the choke (first time removal since buying the amp about 6 months ago), I learned something un-good! The base of one of the tubes was marked as U/S..possible shorts and low emission...what a thrilling find! That explains why my S-Line can only drive it to about 600 watts out! So, I'm now looking for a used, cheap 3-500 to buy or preferably swap something for. Can you help with the above items? 73 to all de
Lee Smith
VE4ANC

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: km1h@juno.com
Subject: Russian Parts Availability
Message-ID: <19970314.134932.9175.7.km1h@juno.com>

The recent Svetlana discussion brings me to another query. Where are all the other RF parts suppliers in the ex-Soviet empire hiding? As both a homebrewer and a distributor of QRO components, I have been searching with no results. Since the Alpha 91b amplifier is built in Bulgaria from all Eastern European sources; they do exist. Does anyone have any leads? I would love to import switches, variable and fixed caps, etc.

How does one go about tracing down this information?

Tnx....Carl KM1H

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997

From: "Gary E. Norman" <genorman@ix.netcom.com>
Subject: Sam's Photofact #122-12
Message-ID: <199703140121.TAA21887@dfw-ix9.ix.netcom.com>

Does anybody have a copy of the Sam's Photofact folder #122-12? I would like to get a copy of the service info on a Zenith H723 radio? Glad to reimburse postage and copying costs.

Thanks,

Gary, W1PG
genorman@ix.netcom.com

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: wb6zwc@ns.net
Subject: silvered brass
Message-ID: <3.0.1.32.19970313155327.006a6bac@mail-1.ns.net>

Where in the world can one purchase 'silvered brass' either half/hard or other combination alloys.

I have never seen it advertised and it is always used in RF tank circuits in varying thickness and widths.

=====

Richard@Sacramento

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: tomrice@netcom.com (Tom R. Rice)
Subject: silvered brass
Message-ID: <199703140150.RAA19233@netcom11.netcom.com>

>

> Where in the world can one purchase 'silvered brass' either half/hard or
> other combination alloys.

Strangely enough, as a kid I used to silver brass parts by sticking them in a jug of heavily-used hypo from my Dad's photo lab. If you made sure the parts were super clean, they'd come out nicely Ag coated. Considering the price of AgNO3 these days, the idea's worth considering.

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: silvered brass
Message-ID: <Pine.ULT.3.95.970313201811.12176C-100000@admin.aurora.edu>

On Thu, 13 Mar 1997 wb6zwc@ns.net wrote:

> Where in the world can one purchase 'silvered brass' either half/hard or
> other combination alloys.
> I have never seen it advertised and it is always used in RF tank circuits
> in varying thickness and widths.

This brings back some memories of back around 1970 when our group was building a 2 meter repeater. Our "exciter" (or was it a transmitter :-)) was a Westinghouse transmitter, made for railroad use, which had a pair of 6146 finals. I built a 1/4KW amp from a QST article using a 4CX250B. the plate tank was a piece of 3/4 inch copper tubing. This thing ran about 50 percent efficient and I figured that running class C it ought to be a bit better, so I had both the grid and plate tanks silver plated. IT MADE NO DIFFERENCE IN EFFICIENCY.

Some years later when I worked in broadcasting, I had to replace a monster, crappy Guardian relay at the base of one of our 5 towers. The new Johnson relay was physically different and as a result the connecting lines from the loading coils (silver plated 3/8 copper tubing) had to be replaced with slightly longer pieces. We installed plain old copper tubing with no ill effects (none expected at that frequency anyway).

So I am wondering if all this stuff about silver plating, especially on VHF tank circuits, is really worth the effort/expense. I have not found it to be so.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: WA6GYD@aol.com
Subject: silvered brass

Message-ID: <970314135022_720620925@emout01.mail.aol.com>

I am going to get in real trouble with this comment but what the hell.

The higher the freq the closer to the surface of any conductor the RF current travels.

Copper oxide is not electricly conductive and silver oxide is.

Don

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997

From: km1h@juno.com

Subject: Svetlana

Message-ID: <19970313.212208.11031.2.km1h@juno.com>

To the group:

Be aware that not all Svetlana tubes are produced in St Petersburg. I have received many that have "Made in Ukraine" on them. This was in 1996-97. Does Svetlana buy from other factories and then put their name on them?

I and others have had a lot of quality problems with the Svetlana 572B's; perhaps this tube was rushed to market too soon. The problems have caused me to purchase from selected Chinese sources for the time being.

The Svetlana 3-500Z is awaited with anticipation; I've discussed this with George Badger for almost 2 years now and it has been a slow process. My understanding is that Svetlana has very little experience with large glass tubes and had to develop and import the technology. This may tie into my comment above about Ukraine since they have all been glass tubes.

73....Carl KM1H

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997

From: Jeffrey Herman <jeffreyh@hawaii.edu>

Subject: Svetlana email address

Message-ID: <Pine.GS0.3.95q.970313141549.6786D-100000@uhunix5>

One more note about Svetlana - I received a message from Eric Barbour - he's inviting comments regarding amateur-applications of his company's tubes. File the following away for future reference:

Eric Barbour

Svetlana Electron Devices

svetengr@aol.com

73,
Jeff KH2PZ

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: kb9iua@juno.com (Kevin L Anderson)
Subject: Thanks (was Dumb Q of the Month -- exciters v. transmitters)
Message-ID: <19970313.175736.8103.3.kb9iua@juno.com>

Thanks, BA wisdom folks, for your posts, both long and short, direct and through the list, on my question regarding exciters versus transmitters. It is as I suspected. Thanks too for the historical perspective, BA Bob and others.

Great list. Thanks. Cheers/73. Kevin, KB9IUA

* * * * *
Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or kla@helios.augustana.edu
* * * * *

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: w5jv@juno.com
Subject: Tube Parameter Listing
Message-ID: <19970314.045042.6663.3.w5jv@juno.com>

Good Morning to everyone,

Has anyone a list of popular 6v/12v tubes and their parameters stored as an ASCII or TXT file? Interests here require same !

73, Doug W5JV

Free to Good Home: 1956 Volume QST (Shelf binder)
Tektronix Sampling Plug in (56x series)

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: William Donzelli <william@ans.net>
Subject: Wanted: Tek scope with no badge
Message-ID: <199703140303.AA05568@interlock.ans.net>

Have any of you scope junkies come across any completely unmarked Tek

built rackmount X-Y scopes with equally unmarked plugins? I am looking for one for a gutted Digital Equipment LINC-8 thingie that was raped many years ago. Sorry I can not give any part numbers, but there are none.

Yes, the plugins are 6DJ8 based.

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: Wobbulator wanted
Message-ID: <199703140212_MC2-1283-DF6A@compuserve.com>

Hi all. I would interested in obtaining a wobbulator, or a sweep generator to some of us, hi.

If its in the US, it will need to be a smallish one, save on the postage etc, but I would be interested to hear from anyone who might have something.

Or indeed, if there are any kit makers out there who offer one, I'd again like to hear of it.

Cheers, Ben G4BXD.

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: "Freeberg, Scott (STP)" <q01870@stp03.guidant.com>
Subject: WTB Ameco AC-1 Transmitter
Message-ID: <199703141736.LAA05348@uro.theporch.com>

Want to buy Ameco AC-1 transmitter. Prefer good condition and both coils.

Thanks,
Scott WA9WFA St. Paul Mn
scott.freeberg@guidant.com

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: John Wieder <jwieder@montrose-co.com>
Subject: WTB: 32V2 Cabinet
Message-ID: <199703132340.QAA18701@gunnison.com>

Does anyone out there in BALand have or know of anyone who has such a cabinet for sale or trade? Please advise by private email. Tnx in advance

for your help.

73 John K0JY
jwieder@montrose-co.com

From boatanchors@sco.theporch.com Thu Mar 13 22:42:57 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: WTB: PE-104 Vibrapack
Message-ID: <19970314032350.AAD23315@LOCALNAME>

Anybody out there have a PE-104 (Fair Radio is selling them again) that they may have and have no use for now? I am looking for a good second hand one with the spare vibrator. (Before I get a new one from Fair.)

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....

From boatanchors@sco.theporch.com Fri Mar 14 14:21:20 1997
From: rsolomon@tsd.textron.com
Subject: WTB: R-392 Manual (TM 11-858)
Message-ID: <9702148583.AA858358230@cctds.tsd.textron.com>

Looking for TM 11-858 manual for R-392 Receiver. I would like an original not a Xerox copy (the schematics get chopped up). Anyone have one they will part with for coin of the realm ??

Tnx es 73 de Dick, W1KSZ.